Rosewill®

CHALLENGER-S

User's Manual

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Support Phone Number: 800-575-9885
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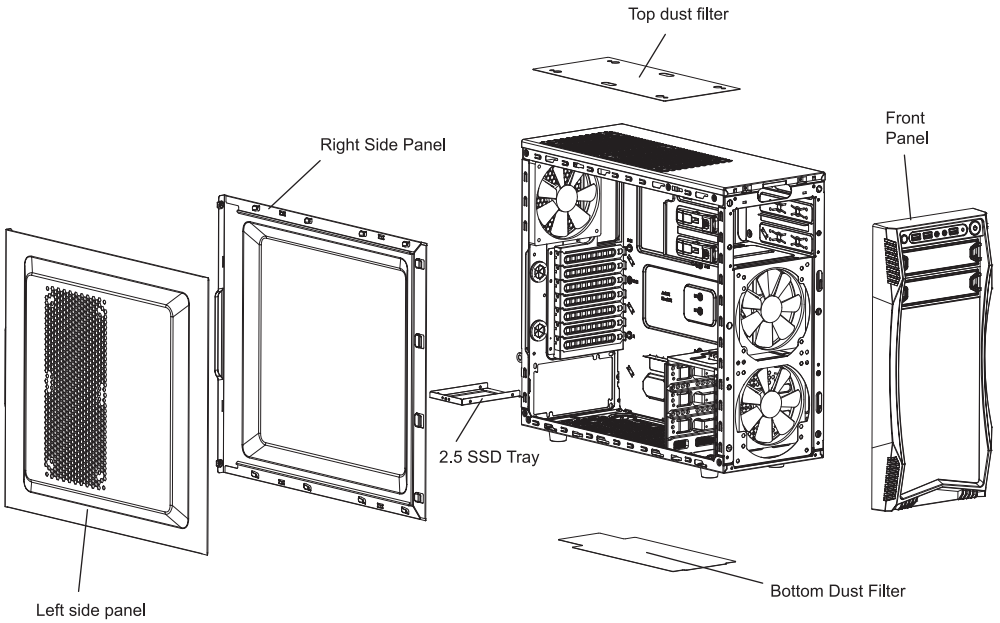
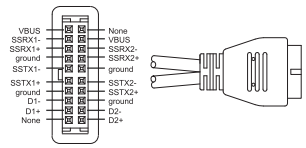
Disassembling Chart (Components vary by country)

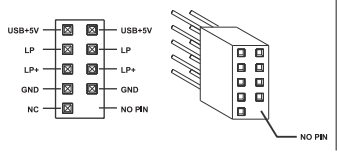


Front I/O Cable Pinout (Please refer to your motherboard's user manual to connect.)

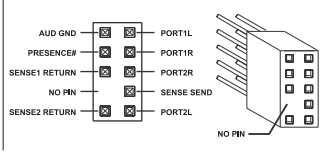
USB 3.0 CONNECTOR



USB2.0 CONNECTOR



HD Audio CONNECTOR



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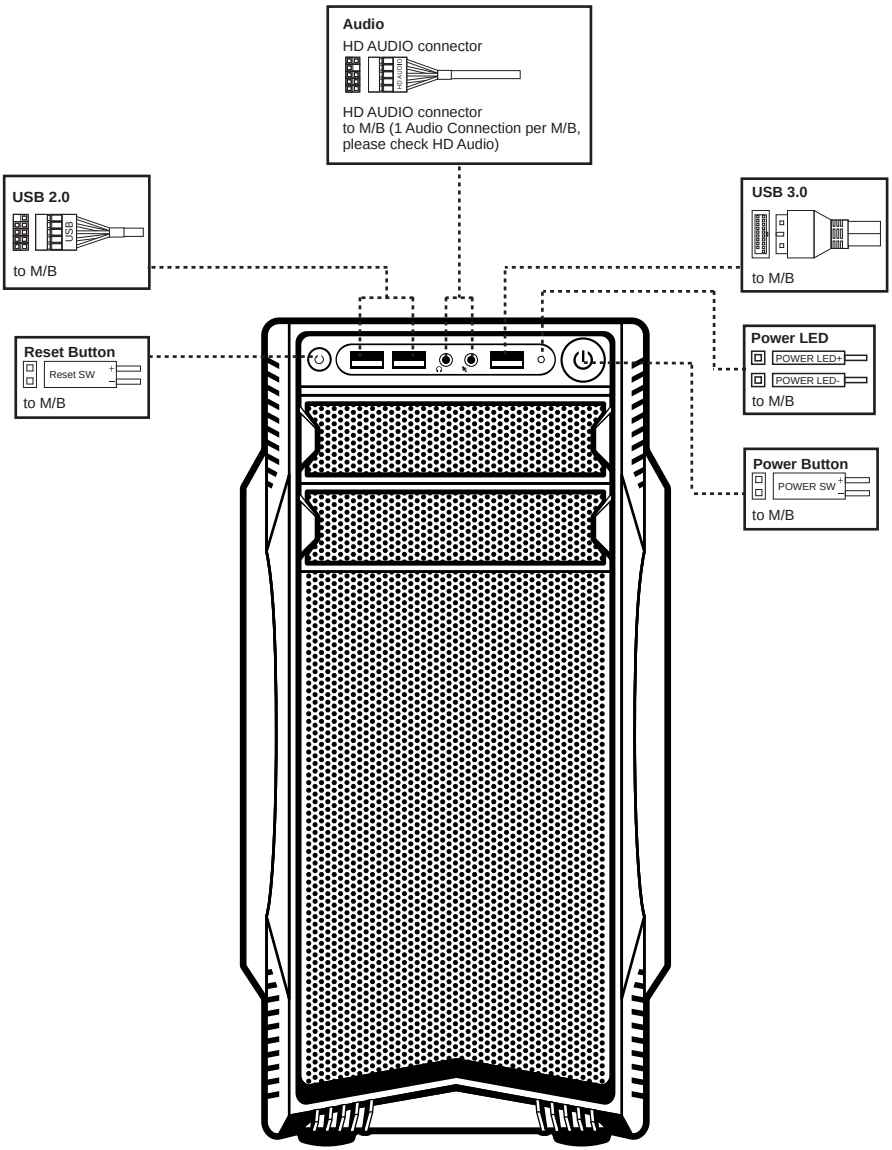
Top I/O



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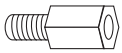
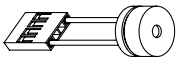
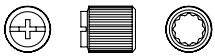
Accessory Box

Figure	Part's Name	Function
	9x M/B Standoff	Motherboard
	12x Screw - A	Motherboard 5.25/3.5 Device 2.5 SSD/HDD
	9x Screw - B	3.5 HDD
	4x Screw - C	Power Supply Add-in Card
	1x Buzzer	Motherboard
	3x Cable Tie	Cable Management
	1x Nut Setter	Motherboard

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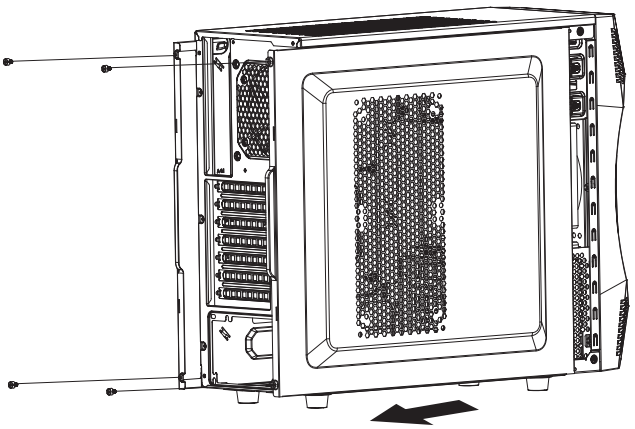
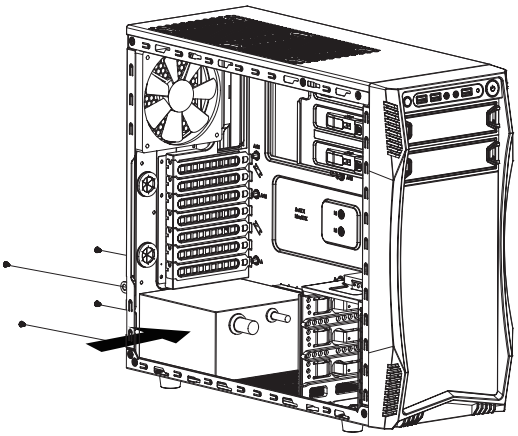
Installation Guide

1. Open Chassis



1-1 Remove the thumbscrews and slide both side panels out.

2. Install Power Supply



2-1 Seat the power supply unit on the bottom of the case and secure with screw-C. If the PSU is equipped with single fan, you may have two options of installation:

- Fan Facing **Upwards**:
  No special requirements.

- Fan Facing **Downwards**:
  Make sure that there is enough room for air-intake between the bottom of case and the surface where the case is located.

- Clean the dust filter regularly to ensure adequate airflow.

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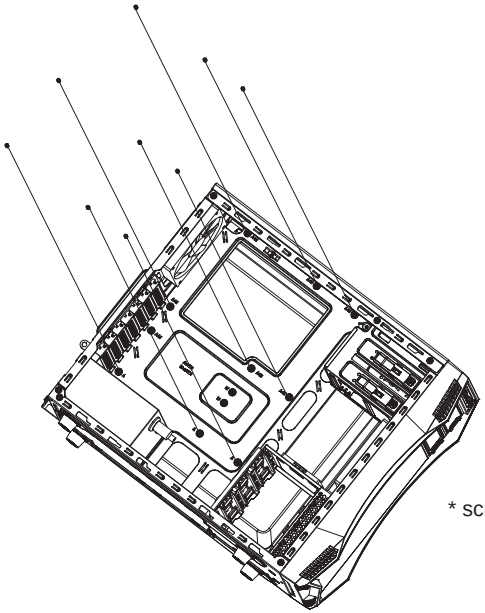
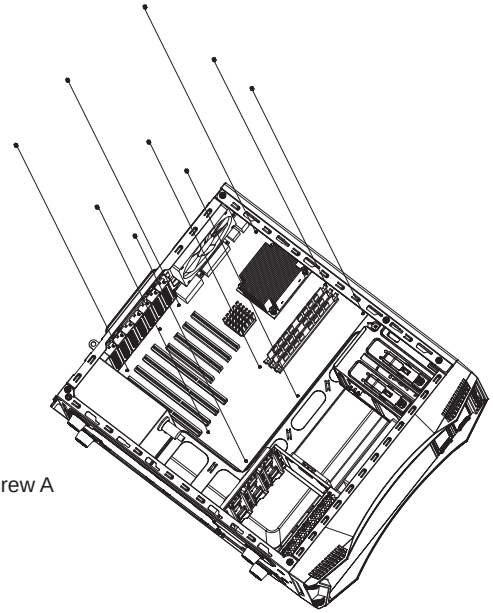
3. Install Motherboard & Add-in Card

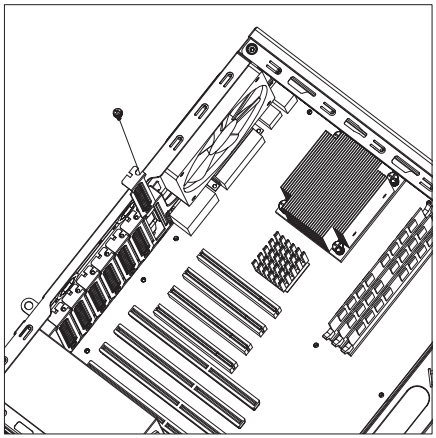


* screw A

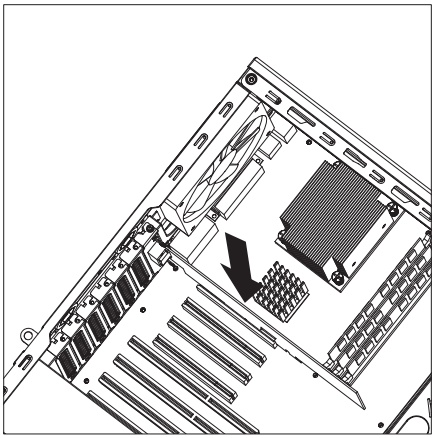


3-1 Place the motherboard standoffs based on manufacturer specs.

3-2 Secure the motherboard with screw-A.



3-3 Unscrew to remove the slot cover.



3-4 Install the add-in card and secure with screws.

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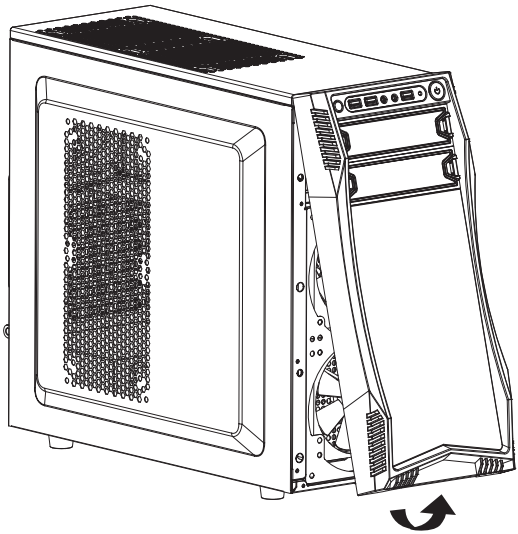
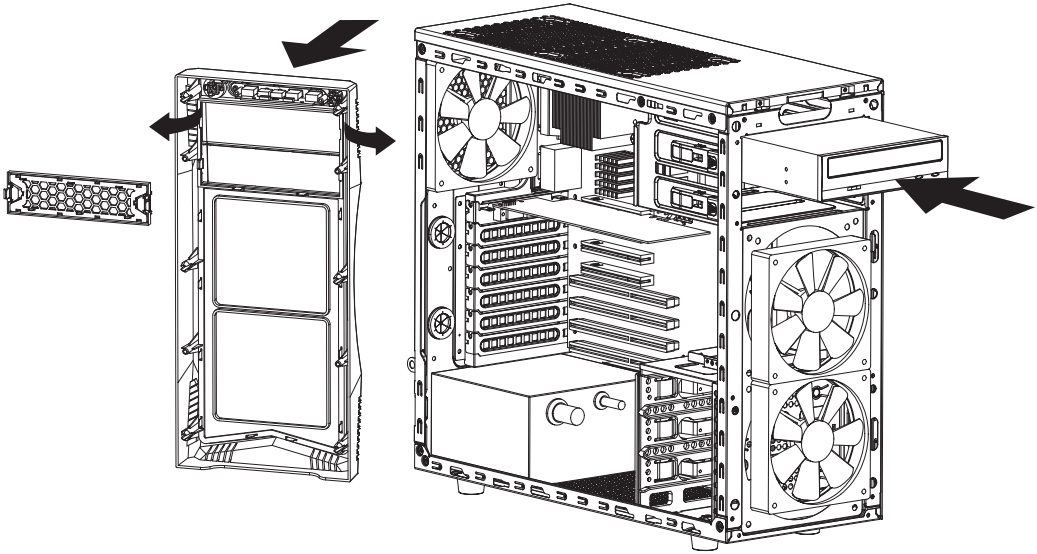
4. Install External 5.25” device



4-1 Pull outwards to remove the front panel.



4-2 Remove the bay cover and insert the 5.25” drive into the bay until the latch clicks. Reinstall the front panel back onto the case.

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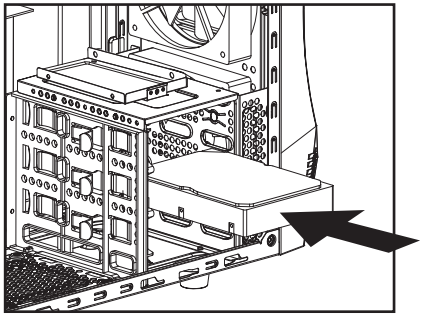
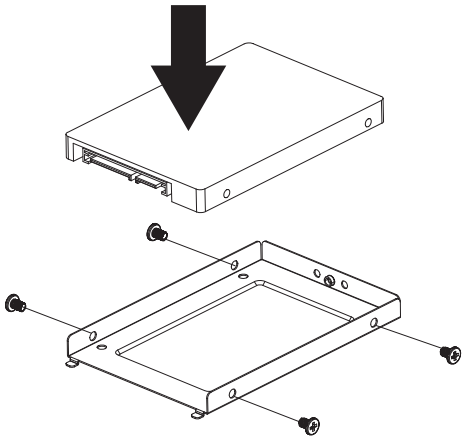
5. Install 3.5”/2.5” HDD/SSD

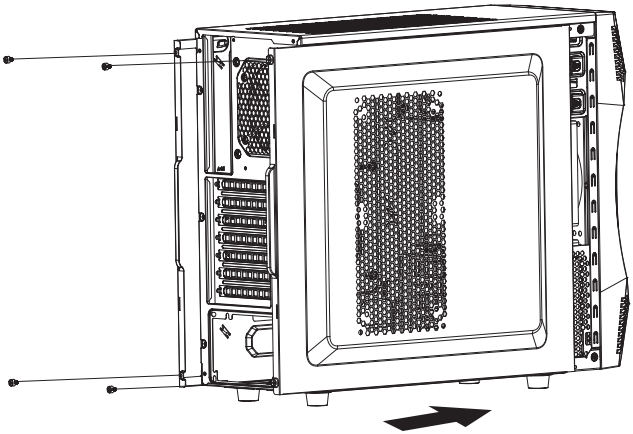




5-1 Insert the 3.5” HDD into the cage until the latch clicks.

5-2 Remove the thumbscrew to retrieve the 2.5” bay.
5-3 Secure the 2.5” SSD/HDD with screw-A.
5-4 Install back with the thumbscrews.

6. System Ready



6-1 Slide the side panels back and secure with thumbscrews.

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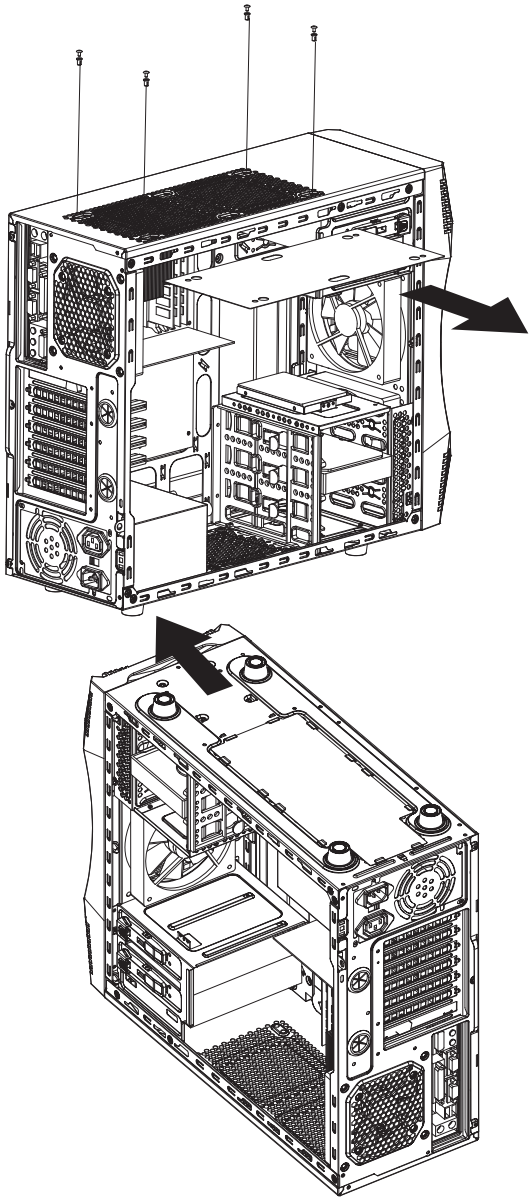
7. Clean the dust filters

7.1 Clean the dust filter regularly to ensure adequate airflow for power supply unit.
(Unscrew to remove the top dust filter.)



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9. Optional: Additional Fan & Liquid Cooling Radiator

Challenger S has the capacity of installing additional fans :

a. 2x 120mm fans under top cover.

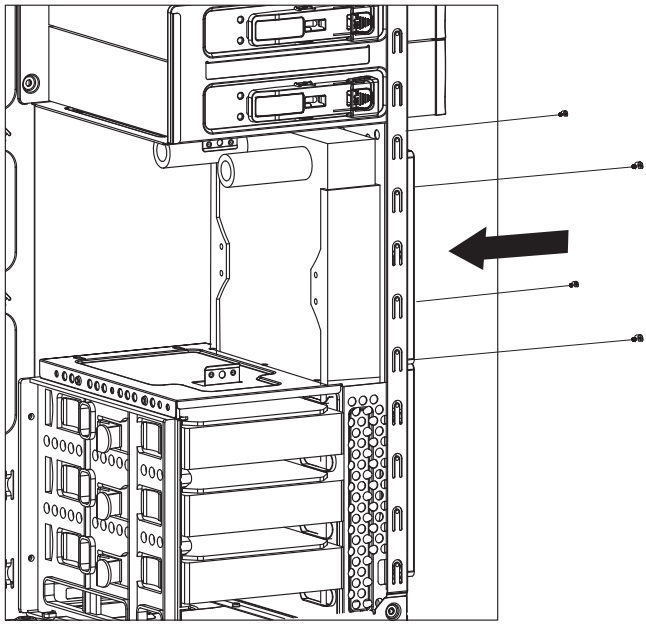
b. 2x 140mm fans on the side panel.

Insturction of installing 120mm water cooling radiator in the front :

a. Remove the front panel.

b. Unscrew to remove the 2.5” SSD/HDD tray on the bottom of the 5.25” cage.

c. Secure the radiator with screws and put the front panel back.



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